OIL ANALYSIS REPORT

PHILIP TANGHE 506067 VOLVO PENTA A 1087762 - STARBOARD DIESEL ENGINE

Sample No: VPA056320

Oil Type: DIESEL ENGINE OIL SAE 40

SAMPLE INFORMATION

SAMPLE INFURMA	TIUN			
Sample Number		VPA056320	 	
Sample Date		22 Mar 2024	 	
Machine Hours		600	 	
Oil Hours		0	 	
Oil Changed		Changed	 	
Sample Status		NORMAL	 	
OIL CONDITION				
Visc @ 100°C	cSt	13.3	 	
Base Number (BN)	mg KOH/g	10.1	 	
Oxidation (PA)	%	55	 	
CONTAMINATION				
	0/	NEC		
Water	%	NEG	 	
Soot %	%	■ 0.3 47		
Nitration (PA)			 	
Sulfation (PA)	%	51	 	
Glycol	%	NEG	 	
Fuel	%	<1.0	 	
Silicon	ppm	4	 	
Sodium	ppm	2	 	
Potassium	ppm	3	 	
WEAR METALS				
Iron	ppm	11	 	
Copper	ppm	5	 	
Lead	ppm	2	 	
Tin	ppm	□ <1	 	
Aluminum	ppm	2	 	
Chromium	ppm	 <1	 	
Molybdenum	ppm	60	 	
Nickel	ppm	2	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	_<1	 	
Vanadium	ppm	0	 	
ADDITIVES				
Calcium	ppm	1039	 	
Magnesium	ppm	977	 	
Zinc		1284	 	
Phosphorus	ppm	1284	 	
Barium	ppm	0	 	
Danum	ppm		 	

Jefferson Beach Yacht Sales Inc 24400 Jefferson Ave. SAINT CLAIR SHORES, MI US 48080 Contact: DENNIS BUTT dbutt@jbys.com T: (866)490-5297

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is suitable for further service.

 Depot:
 VP297371

 Unique No:
 10943210

 Signed:
 Don Baldridge

 Report Date:
 28 Mar 2024

Report Id: VP297371 [WUSCAR] 06129059 (Generated: 03/28/2024 14:41:51) Rev: 1

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ppm

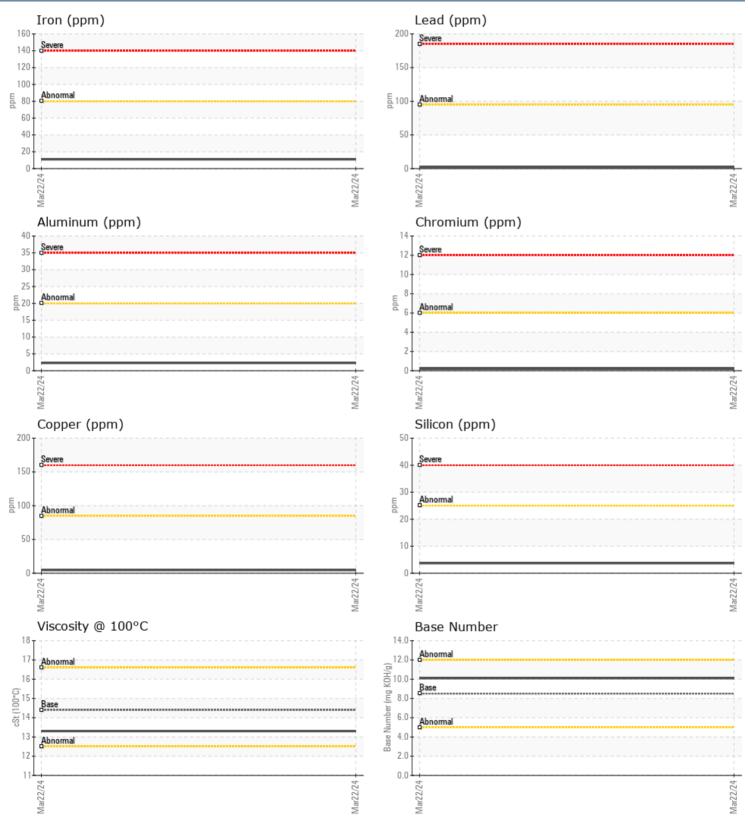
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Contact/Location: DENNIS BUTT - VP297371

OIL ANALYSIS REPORT



GRAPHS



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